



PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

SHEET 1 of 11

COMPLETE IF KNOWN

Application Number	10/825,792
Confirmation Number	9078
Filing Date	April 16, 2004
First Named Inventor	John Geoffrey Chan, et al.
Group Art Unit	1744
Examiner Name	Shay Lynn Karls
Attorney Docket Number	9215

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1.	US- 301,644	07/08/1884	Thompson	
	2.	US- 1,022,920	04/09/1912	Anderson	
	3.	US- 1,125,532	01/19/1915	Himmel	
	4.	US- 1,128,139	02/09/1915	Hoffman	
	5.	US- 1,191,556	07/18/1916	Blake	
	6.	US- 1,251,250	12/25/1917	Libby	
	7.	US- 1,268,544	06/04/1918	Cates	
	8.	US- 1,495,675	05/27/1924	Colt	
	9.	US- 1,526,267	02/10/1925	Dessau	
	10.	US- 1,696,433	12/25/1928	Faubert et al.	
	11.	US- 1,704,564	03/05/1929	Friedland	
	12.	US- 1,707,118	03/26/1929	Goldberg	
	13.	US- 1,728,956	09/24/1929	Darmitzel	
	14.	US- 1,741,143	12/31/1929	Chin	
	15.	US- 1,764,130	06/17/1930	Vardeman	
	16.	US- 1,796,893	03/17/1931	McVeigh	
	17.	US- 1,797,946	03/24/1931	Eichel	
	18.	US- 1,863,389	06/14/1932	Anderson	
	19.	US- 1,868,368	07/19/1932	Reese	
	20.	US- 1,891,864	12/20/1932	Barrett	
	21.	US- 1,903,161	03/28/1933	Barkan	
	22.	US- 1,924,152	08/29/1933	Coney et al.	
	23.	US- 1,963,389	06/19/1934	Vardeman	
	24.	US- 1,993,662	03/05/1935	Green	
	25.	US- 2,029,031	01/28/1936	Novick	
	26.	US- 2,042,239	05/26/1936	Planding	
	27.	US- 2,049,956	08/04/1936	Greenberg	
	28.	US- 2,083,595	06/15/1937	Clarren	
	29.	US- 2,088,839	08/03/1937	Coney et al.	
	30.	US- 2,117,174	05/10/1938	Jones	
	31.	US- 2,123,407	07/12/1938	Dullea	
EXAMINER			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SHEET 2 of 11</p>	COMPLETE IF KNOWN	
	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	John Geoffrey Chan, et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
	Attorney Docket Number	9215

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	32.	US- 2,129,082	09/06/1938	Byrer	
	33.	US- 2,139,245	12/06/1938	Ogden	
	34.	US- 2,140,307	12/13/1938	Belaschk et al.	
	35.	US- 2,141,969	12/27/1938	Benz	
	36.	US- 2,154,846	04/18/1939	Heymann et al.	
	37.	US- 2,155,473	04/25/1939	Coleman	
	38.	US- 2,176,309	10/17/1939	Love et al.	
	39.	US- 2,189,175	02/06/1940	Jackson	
	40.	US- 2,206,726	07/02/1940	Lasater	
	41.	US- 2,219,753	10/29/1940	Seguin	
	42.	US- 2,225,331	12/17/1940	Campbell	
	43.	US- 2,244,615	06/03/1941	Garcin	
	44.	US- 2,244,699	06/10/1941	Hosey	
	45.	US- 2,253,910	08/26/1941	Luenz	
	46.	US- 2,279,355	04/14/1942	Wilensky	
	47.	US- 2,312,828	03/02/1943	Adamsson	
	48.	US- 2,326,632	08/10/1943	Friedman	
	49.	US- 2,328,998	09/07/1943	Radford	
	50.	US- 2,364,205	12/05/1944	Fuller	
	51.	US- 2,574,654	11/13/1951	Moore	
	52.	US- 2,600,136	06/10/1952	Staunt	
	53.	US- 2,702,914	03/01/1955	Kittle et al.	
	54.	US- 2,790,441	04/30/1957	Oderman	
	55.	US- 2,807,820	10/01/1957	Dinhofer	
	56.	US- 3,007,441	11/07/1961	Eyer	
	57.	US- 3,016,554	01/16/1962	Peterson	
	58.	US- 3,050,072	08/21/1962	Diener	
	59.	US- 3,103,027	09/10/1963	Birch	
	60.	US- 3,128,487	04/14/1964	Vallis	
	61.	US- 3,183,538	05/18/1965	Hubner	
	62.	US- 3,230,562	01/25/1966	Birch	
EXAMINER			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SHEET 3 of 11</p>	COMPLETE IF KNOWN	
	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	John Geoffrey Chan, et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
	Attorney Docket Number	9215

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² . (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	63.	US- 3,242,516	03/29/1966	Cantor	
	64.	US- 3,258,805	07/05/1966	Rossnan	
	65.	US- 3,295,156	01/03/1967	Brant	
	66.	US- 3,302,230	02/07/1967	Poppelman	
	67.	US- 3,316,576	05/02/1967	Urbush	
	68.	US- 3,327,339	06/27/1967	Lemelson	
	69.	US- 3,337,893	08/29/1967	Fine et al.	
	70.	US- 3,359,588	12/26/1967	Kobler	
	71.	US- 3,403,070	09/24/1968	Lewis, JR.	
	72.	US- 3,411,979	11/19/1968	Lewis, JR.	
	73.	US- 3,465,751	09/09/1969	Powers	
	74.	US- 3,488,788	01/13/1970	S. Robinson	
	75.	US- 3,553,759	01/12/1971	Kramer et al.	
	76.	US- 3,613,143	10/19/1971	Muhler et al.	
	77.	US- 3,754,295	08/28/1973	Hyman	
	78.	US- 4,033,008	07/05/1977	Warren et al.	
	79.	US- 4,081,876	04/04/1978	Pugh	
	80.	US- 4,081,877	04/04/1978	Vitale	
	81.	US- 4,083,078	04/11/1978	Shimizu	
	82.	US- 4,115,894	09/26/1978	Peterson	
	83.	US- 4,128,910	12/12/1978	Nakata et al.	
	84.	US- 4,150,457	04/24/1979	Larson	
	85.	US- 4,156,620	05/29/1979	Clemens	
	86.	US- 4,220,144	09/02/1980	Balais	
	87.	US- 4,263,691	04/28/1981	Pakarnseree	
	88.	US- 4,277,862	07/14/1981	Weidman	
	89.	US- 4,288,883	09/15/1981	Dolinsky	
	90.	US- 4,356,585	11/02/1982	Protell et al.	
	91.	US- 4,391,951	07/05/1983	Scheetz	
	92.	US- 4,403,623	09/13/1983	Mark	
	93.	US- 4,455,704	06/26/1984	Williams	
	94.	US- 4,472,853	09/25/1984	Rauch	
EXAMINER			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <h2 style="margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 5px 0;">(use as many sheets as necessary)</p> <p>SHEET 4 of 11</p>	<p>COMPLETE IF KNOWN</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/825,792</td> </tr> <tr> <td>Confirmation Number</td> <td>9078</td> </tr> <tr> <td>Filing Date</td> <td>April 16, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>John Geoffrey Chan, et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1744</td> </tr> <tr> <td>Examiner Name</td> <td>Shay Lynn Karls</td> </tr> <tr> <td>Attorney Docket Number</td> <td>9215</td> </tr> </table>	Application Number	10/825,792	Confirmation Number	9078	Filing Date	April 16, 2004	First Named Inventor	John Geoffrey Chan, et al.	Group Art Unit	1744	Examiner Name	Shay Lynn Karls	Attorney Docket Number	9215
Application Number	10/825,792														
Confirmation Number	9078														
Filing Date	April 16, 2004														
First Named Inventor	John Geoffrey Chan, et al.														
Group Art Unit	1744														
Examiner Name	Shay Lynn Karls														
Attorney Docket Number	9215														

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	95.	US- 4,476,280	10/09/1984	Poppe et al.	
	96.	US- 4,480,351	11/06/1984	Koffler	
	97.	US- 4,488,327	12/18/1984	Snider	
	98.	US- 4,517,701	05/21/1985	Stanford, JR.	
	99.	US- 4,525,531	06/25/1985	Zukosky et al.	
	100.	US- 4,534,340	08/13/1985	Kerr, deceased et al.	
	101.	US- 4,545,087	10/08/1985	Nahum	
	102.	US- 4,585,416	04/29/1986	DeNiro et al.	
	103.	US- 4,603,166	07/29/1986	Poppe et al.	
	104.	US- 4,610,043	09/09/1986	Vezjak	
	105.	US- 4,616,064	10/07/1986	Zukosky et al.	
	106.	US- 4,617,342	10/14/1986	Poppe et al.	
	107.	US- 4,617,694	10/21/1986	Bori	
	108.	US- 4,623,495	11/18/1986	Degoix et al.	
	109.	US- 4,672,706	06/16/1987	Hill	
	110.	US- 4,827,550	05/09/1989	Graham et al.	
	111.	US- 4,833,194	05/23/1989	Kuan et al.	
	112.	US- 4,845,795	07/11/1989	Crawford et al.	
	113.	US- 4,852,202	08/01/1989	Ledwitz	
	114.	US- 4,880,382	11/14/1989	Moret et al.	
	115.	US- 4,882,803	11/28/1989	Rogers et al.	
	116.	US- 4,894,880	01/23/1990	Aznavorian	
	117.	US- 4,802,255	02/07/1989	Breuer et al.	
	118.	US- 5,020,179	06/04/1991	Scherer	
	119.	US- 5,021,475	06/04/1991	Isayev	
	120.	US- 5,027,463	07/02/1991	Daub	
	121.	US- 5,033,150	07/23/1991	Gross et al.	
	122.	US- 5,034,450	07/23/1991	Betz et al.	
	123.	US- 5,040,260	08/20/1991	Michaels	
	124.	US- 5,046,213	09/10/1991	Curtis et al.	
	125.	US- 5,070,567	12/10/1991	Holland	
EXAMINER			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 0;">(use as many sheets as necessary)</p> <p style="margin: 0;">SHEET 5 of 11</p>	<p>COMPLETE IF KNOWN</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/825,792</td> </tr> <tr> <td>Confirmation Number</td> <td>9078</td> </tr> <tr> <td>Filing Date</td> <td>April 16, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>John Geoffrey Chan, et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1744</td> </tr> <tr> <td>Examiner Name</td> <td>Shay Lynn Karls</td> </tr> <tr> <td>Attorney Docket Number</td> <td>9215</td> </tr> </table>	Application Number	10/825,792	Confirmation Number	9078	Filing Date	April 16, 2004	First Named Inventor	John Geoffrey Chan, et al.	Group Art Unit	1744	Examiner Name	Shay Lynn Karls	Attorney Docket Number	9215
Application Number	10/825,792														
Confirmation Number	9078														
Filing Date	April 16, 2004														
First Named Inventor	John Geoffrey Chan, et al.														
Group Art Unit	1744														
Examiner Name	Shay Lynn Karls														
Attorney Docket Number	9215														

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	126.	US- 5,088,145	02/18/1992	Whitefield	
	127.	US- 5,114,214	05/19/1992	Barman	
	128.	US- 5,119,522	06/09/1992	Potts	
	129.	US- 5,137,039	08/11/1992	Klinkhammer	
	130.	US- 5,148,567	09/22/1992	Daub	
	131.	US- 5,170,525	12/15/1992	Cafaro	
	132.	US- 5,228,466	07/20/1993	Klinkhammer	
	133.	US- 5,230,118	07/27/1993	Chamma	
	134.	US- 5,291,878	03/08/1994	Lombardo et al.	
	135.	US- 5,313,909	05/24/1994	Tseng et al.	
	136.	US- 5,325,560	07/05/1994	Pavone et al.	
	137.	US- 5,331,704	07/26/1994	Rosen et al.	
	138.	US- 5,334,646	08/02/1994	Chen	
	139.	US- 5,335,389	08/09/1994	Curtis et al.	
	140.	US- 5,360,025	11/01/1994	Klinkhammer	
	141.	US- 5,360,026	11/01/1994	Klinkhammer	
	142.	US- 5,371,602 or 5373602	12/20/1994	Kook B. Bang	
	143.	US- 5,392,483	02/28/1995	Heinzelman et al.	
	144.	US- 5,446,940	09/05/1995	Curtis et al.	
	145.	US- 5,535,474	07/16/1996	Salazar	
	146.	US- 5,604,951	02/25/1997	Shipp	
	147.	US- 5,617,603	04/08/1997	Mei	
	148.	US- 5,628,082	05/13/1997	Moskovich	
	149.	US- 5,669,097	09/23/1997	Klinkhammer	
	150.	US- 5,723,543	03/03/1998	Modic	
	151.	US- 5,735,011	04/07/1998	Asher	
	152.	US- 5,810,856	09/22/1998	Tveras	
	153.	US- 5,836,033	11/17/1998	Berge	
	154.	US- 5,842,249	12/01/1998	Sato	
	155.	US- 5,920,941	07/13/1999	Iannota	
	156.	US- 5,946,759	09/07/1999	David Victor Cann	
EXAMINER			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SHEET 6 of 11</p>	COMPLETE IF KNOWN	
	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	John Geoffrey Chan, et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
	Attorney Docket Number	9215

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	157.	US- 5,970,564	10/26/1999	Inns et al.	
	158.	US- 5,987,688	11/23/1999	Roberts et al.	
	159.	US- 6,006,394	12/28/1999	Bredall et al.	
	160.	US- 6,067,684	05/30/2000	Kweon	
	161.	US- 6,085,379	07/11/2000	Stafford	
	162.	US- 6,102,923	08/15/2000	Murayama	
	163.	US- 6,209,164 B1	04/03/2001	Sato	
	164.	US- 6,254,390 B1	07/03/2001	Eugene C. Wagner	
	165.	US- 6,308,364 B1	10/30/2001	Arone	
	166.	US- 6,308,365 B1	10/30/2001	Huang	
	167.	US- 6,334,232 B1	01/01/2002	Sato	
	168.	US- 6,345,405 B1	02/12/2002	Brackin	
	169.	US- 6,360,395 B2	03/26/2002	Blaustein et al.	
	170.	US- 6,371,294 B1	04/16/2002	Blaustein et al.	
	171.	US- 6,463,618 B1	10/15/2002	Zimmer	
	172.	US- 6,513,182 B1	02/04/2003	Calabrese et al.	
	173.	US- 6,571,417 B1	06/03/2003	Gavney, Jr. et al.	
	174.	US- 6,599,048 B2	07/29/2003	Kuo	
	175.	US- 6,658,688 B2	12/09/2003	Gavney, Jr.	
	176.	US- 6,671,919 B2	01/06/2004	Davis	
	177.	US- 6,792,642 B2	09/21/2004	Wagstaff	
	178.	US- 6,820,300 B2	11/23/2004	Gavney, Jr.	
	179.	US- 6,859,969 B2	03/01/2005	Gavney, Jr. et al.	
	180.	US- 6,895,624 B2	05/24/2005	Fischer et al.	
	181.	US- 6,895,629 B1	05/24/2005	Wenzler	
	182.	US- 6,938,293 B2	09/06/2005	Eliav et al.	
	183.	US- 6,966,093 B2	11/22/2005	Eliav et al.	
	184.	US- 7,036,180 B2	05/02/2006	Hanlon	
	185.	US- 7,073,225 B1	07/11/2006	Ford	
	186.	US- 7,137,163 B2	11/21/2006	Gatzemeyer et al.	
	187.	US- 7,143,462 B2	12/05/2006	Hohlbein	
EXAMINER			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 0;">(use as many sheets as necessary)</p> <p>SHEET 7 of 11</p>	<p>COMPLETE IF KNOWN</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/825,792</td> </tr> <tr> <td>Confirmation Number</td> <td>9078</td> </tr> <tr> <td>Filing Date</td> <td>April 16, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>John Geoffrey Chan, et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1744</td> </tr> <tr> <td>Examiner Name</td> <td>Shay Lynn Karls</td> </tr> <tr> <td>Attorney Docket Number</td> <td>9215</td> </tr> </table>	Application Number	10/825,792	Confirmation Number	9078	Filing Date	April 16, 2004	First Named Inventor	John Geoffrey Chan, et al.	Group Art Unit	1744	Examiner Name	Shay Lynn Karls	Attorney Docket Number	9215
Application Number	10/825,792														
Confirmation Number	9078														
Filing Date	April 16, 2004														
First Named Inventor	John Geoffrey Chan, et al.														
Group Art Unit	1744														
Examiner Name	Shay Lynn Karls														
Attorney Docket Number	9215														

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	188.	US- Des. 330,286	10/20/1992	Curtis et al.	
	189.	US- Des. 345,054	03/15/1994	Spence, Jr.	
	190.	US- Des. 350,851	09/27/1994	Spence, Jr.	
	191.	US- Des. 434,563	12/05/2000	Lim et al.	
	192.	US- Re. 26,688	10/14/1969	Lemelson	
	193.	US- RE 39,185 E	07/18/2006	Noe et al.	
	194.	US- 2002/0152563 A1	10/24/2002	Sato	
	195.	US- 2003/0033680 A1	02/20/2003	Davies et al.	
	196.	US- 2003/0033682 A1	02/20/2003	Davies et al.	
	197.	US- 2003/0077107 A1	04/24/2003	Kuo	
	198.	US- 2003/0140440 A1	07/31/2003	Gavney, Jr.	
	199.	US- 2003/0196283 A1	10/23/2003	Eliav et al.	
	200.	US- 2003/0229959 A1	12/18/2003	Gavney, Jr. et al.	
	201.	US- 2004/0010869 A1	01/22/2004	Fattori et al.	
	202.	US- 2004/0025275 A1	02/12/2004	Moskovich et al.	
	203.	US- 2004/0060132 A1	04/01/2004	Gatzemeyer et al.	
	204.	US- 2004/0060133 A1	04/01/2004	Eliav	
	205.	US- 2004/0060137 A1	04/01/2004	Eliav	
	206.	US- 2004/0134007 A1	07/15/2004	Davies	
	207.	US- 2004/0168271 A1	09/02/2004	McDougall	
	208.	US- 2004/0221409 A1	11/11/2004	Gavney, Jr.	
	209.	US- 2004/0231076 A1	11/25/2004	Gavney, Jr.	
	210.	US- 2004/0231082 A1	11/25/2004	Gavney, Jr.	
	211.	US- 2004/0237236 A1	12/02/2004	Gavneym Jr.	
	212.	US- 2004/0237995 A1	12/02/2004	Mualem et al.	
	213.	US- 2004/0255416 A1	12/23/2004	Hohlbein	
	214.	US- 2005/0000043 A1	01/06/2005	Chan et al.	
	215.	US- 2005/0015901 A1	01/27/2005	Gavney, Jr.	
	216.	US- 2005/0038461 A1	02/17/2005	Phillips	
	217.	US- 2005/0166344 A1	08/04/2005	Hohlbein et al.	
	218.	US- 2005/0210612 A1	09/29/2005	Hohlbein et al.	
EXAMINER			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SHEET 8 of 11</p>	COMPLETE IF KNOWN	
	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	John Geoffrey Chan, et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
	Attorney Docket Number	9215

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	219.	US- 2005/0210613 A1	09/29/2005	Wagstaff	
	220.	US- 2006/0010628 A1	01/19/2006	Moskovich	
	221.	US- 2006/0026784 A1	02/09/2006	Moskovich et al.	
	222.	US- 2006/0047292 A1	03/02/2006	Reed	
	223.	US- 2006/0052806 A1	03/09/2006	Xi et al.	
	224.	US- 2006/0064833 A1	03/30/2006	Jacobs	
	225.	US- 2006/0085932 A1	04/27/2006	Santos	
	226.	US- 2006/0129171 A1	06/15/2006	Moskovich	
	227.	US- 2006/0195995 A1	09/07/2006	Moskovich et al.	
	228.	US- 2006/0200925 A1	09/14/2006	Moskovich	
	229.	US- 2006/0248668 A1	11/09/2006	Rosenblood et al.	
	230.	US- 2006/0272113 A1	12/07/2006	Cato et al.	
		US-			
EXAMINER			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SHEET 9 of 11</p>	COMPLETE IF KNOWN	
	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	John Geoffrey Chan, et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
	Attorney Docket Number	9215

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	231.	DE	24 02 785		03/15/1979	Lohmann		Yes
	232.	DE	31 14507A1		03/24/1983	Kraft		Yes
	233.	DE	36 28722A1		02/25/1988	Weihrach		Yes
	234.	EPO	0 360 766 A1		03/28/1990	Marino		
	235.	JP	1-72128		05/15/1989	Endo et al.		Yes
	236.	JP	2-119031		05/07/1990	Sano Ko et al.		Yes
	237.	JP	2-180203		07/13/1990	Wakita Shoji		Yes
	238.	JP	9140456 A		06/03/1997	Okada Hiroyuki et al		Abstract
	239.	JP	2000-300345		10/31/2000	Suzuki Akira et al.		Abstract
	240.	JP	2000-300347		10/31/2000	Suzuki Akira et al.		Abstract
	241.	JP	2000-308524		11/07/2000	Suzuki Akira et al.		Abstract
	242.	JP	2000-157338		06/13/2000	Suzuki Akira et al.		Abstract
	243.	WO	96/15696		05/30/1996	Flewitt		
	244.	WO	96/23431		08/08/1996	Masterman et al.		
	245.	WO	96/28994		09/26/1996	Moskovich		
	246.	WO	98/18364		05/07/1998	Volpenhein		
EXAMINER						DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SHEET 10 of 11</p>	COMPLETE IF KNOWN	
	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	John Geoffrey Chan, et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
	Attorney Docket Number	9215

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	247.	WO	99/60886A1		12/02/1999	Ivan Durana		
	248.	WO	00/76369A2		12/21/2000	The Procter & Gamble Co.		
	249.	WO	00/76369A3		12/21/2000	The Procter & Gamble Co.		
	250.	WO	03/086140 A1		10/23/2003	Huber et al.		Abstract
	251.	WO	04/014181 A1		02/19/2004	Moskovich et al.		
	252.	WO	2005/084486A1		09/15/2005	Clos et al.		
EXAMINER						DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Please type a plus sign (+) inside this box → [+]

PTO/SB08B (08-03)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p style="text-align: center;">Substitute for form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">(use as many sheets as necessary)</p> <p>SHEET 11 of 11</p>	COMPLETE IF KNOWN	
	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	John Geoffrey Chan, et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
Attorney Docket Number	9215	

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**